

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
			APPROVED
-		ORIGINAL RELEASE	9/28/09

Description:

Low Noise Amplifier designed for Military and Industrial applications. This amplifier is supplied in our standard PE2 housings in a cascade layout that can be used as a SMA connectorized or a surface mount component. Other packages and connector types are available.

This model provides the following performance. Data is available upon request.

Specifications:

- Frequency Range:

Gain:

Gain Flatness:

Noise Figure:

OP1dB:

VSWR Input/Output:

DC Voltage Supply:

DC Current Draw:
- 0.5 to 0.8 GHz

60dB Typ.

+/-0.75dB Max.

4.5dB Typ.

13dBm Min.

2.0:1 Max.

+12 to +15VDC

280mA Max.

Features:

- Internal Voltage Regulation

Unconditional Stability

Standard Operating Temperature -20 to +70 Deg. C

Available Options:

- Various Package types

Various Connector types

Temperature Compensation

Hermetic Sealing

Gain and Phase Matching

MIL-STD-883 Screening Available

Environmental Ratings:

- Temperature:

Humidity:

Shock:

Altitude:

Temperature Cycle:
- 20 to +70 Deg. C (Operating) ; -55 to +85 Deg C Available)

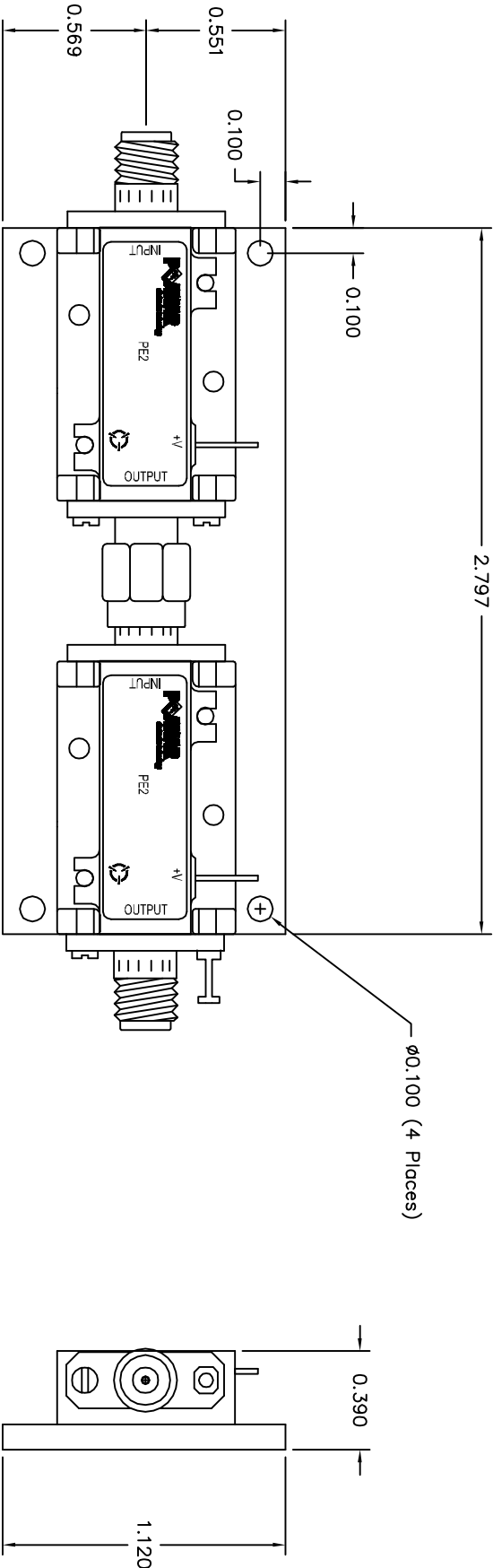
-55 to +125 Deg. C (Storage)

MIL-STD-202F, METHOD 103B COND B.

MIL-STD-202F, METHOD 213B COND B.

MIL-STD-202F, METHOD 105C COND B.

MIL-STD-202F, METHOD 107D COND A
- Note: The above specifications are subject to change or revision.



PART NO.		DATE		TITLE	
APPROVALS		9/28/09		PRODUCT FEATURE	
DRAWN K. Mason				PE2-60-0R50R8-4R5-15-12-SFF	
CHECKED				DWG NO.	
ISSUED				WEB - MODEL	
DO NOT SCALE DRAWING				REV. A	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± ± ±
.XXX ± 0.005

5715 Industry Lane, Unit 11
FREDERICK, MARYLAND

5715 Industry Lane, Unit 11
FREDERICK, MARYLAND